

Title (en)
PROSTHETIC HIP ALIGNMENT DEVICE

Title (de)
VORRICHTUNG ZUR AUSRICHTUNG EINER HÜFTPROTHESE

Title (fr)
DISPOSITIF D'ALIGNEMENT DE PROTHÈSE DE HANCHE

Publication
EP 2996639 B1 20180307 (EN)

Application
EP 13786709 A 20130923

Priority
• GB 201216853 A 20120921
• GB 2013052485 W 20130923

Abstract (en)
[origin: GB2506139A] An alignment apparatus, for correct orientation of an acetabular cup of a prosthetic hip for insertion into a pelvis, includes a medical instrument mounted on a bone screw 21 attached to a patients ASIS and comprises four members 22,30,40,60 movable and lockable relative to each other, and including a ball and socket, a three dimensional spirit level 64, a laser direction indicator 65 and a pointer 63 in conjunction with a scale 46 to indicate an angle of orientation. An alignment device (10, Figure 3a) comprising a rod (11) with a three dimensional spirit level (12) and a pair of slidably mounted, extendable end plates (15), each for engagement with an ASIS of a patient, is initially used to establish the correct position of a patient lying on an operating table. A laser beam (75, Figure 6)) of an introducer (70) may be aligned with a laser beam (66) from the alignment device to position the cup into the hip joint socket.

IPC 8 full level
A61F 2/46 (2006.01); **A61B 17/17** (2006.01); **A61B 90/13** (2016.01); **A61F 2/30** (2006.01)

CPC (source: EP GB US)
A61B 90/13 (2016.02 - EP US); **A61F 2/3609** (2013.01 - US); **A61F 2/4609** (2013.01 - EP GB US); **A61F 2/4657** (2013.01 - EP GB US); **A61B 17/1746** (2013.01 - EP US); **A61F 2002/30617** (2013.01 - EP US); **A61F 2002/3652** (2013.01 - US); **A61F 2002/4668** (2013.01 - EP GB US); **A61F 2002/4687** (2013.01 - EP US)

Cited by
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